

DOCKET NO. PF01869NA

**MOTOROLA**  
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JUN 24 2005

Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
AS437  
Libertyville, Illinois 60048

Telephone: (847) 523-2322

Facsimile: (847) 523-2350

**10**

Number of Pages (including this page)

Date: June 24, 2005

To: Examiner Blane J. Jackson – Art Group 2685

Location: United States Patent and Trademark Office

Fax No.: (703) 872-9306

From: Hisashi David Watanabe - 37,465

Subject: 09/629,321– Hill, Thomas C. Confirmation No.: 4702

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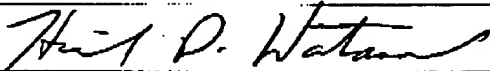
**MESSAGE:**

Enclosed herewith, please find AMENDMENT and associated papers, if any, for filing in the below-identified application.

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:  
GROUP ART UNIT:  
SERIAL NO.:  
FILED:  
INVENTOR:

Jackson, Blane J.  
2685  
09/629,321  
JULY 31, 2000  
HILL, THOMAS C.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/629,321	
		Filing Date	July 31, 2000	
		First Named Inventor	Hill, Thomas C.	
		Group Art Unit	2685	
		Examiner Name	Jackson, Blane J.	
Total Number of Pages in this Submission	INSERT	Attorney Docket Number	PF01869NA	
<b>ENCLOSURES (check all that apply)</b>				
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs _____		
		<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input type="checkbox"/> Other Enclosure(s) (please identify below)		
		Remarks X Facsimile Transmittal		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>				
Firm or Individual	Hisashi David Watanabe		Registration No.	37,465
Signature				
Date	June 24, 2005			
<b>CERTIFICATE OF TRANSMISSION</b>				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO to facsimile number (703) 872-9306 on the date listed below:				
Typed or printed name	Hisashi David Watanabe			
Signature			Date	June 24, 2005

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JUN 24 2005

## FEE TRANSMITTAL

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27
TOTAL AMOUNT OF PAYMENT (\$)**0.00**

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number

502117

Deposit Account Name

Motorola, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below

☒ Credit any overpayments

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXTRA CLAIM FEES

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent  
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent  
Multiple Dependent Claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Total Claims:  Extra Claims:  Fee (\$):  Fee Paid (\$):   
 - 20 or HP =  x 50 =   
 HP = Highest number of total claims paid for, if greater than 3  
 Fee (\$):  Fee Paid (\$):

Indep. Claims:  Extra Claims:  Fee (\$):  Fee Paid (\$):   
 - 3 or HP =  x 200 =

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity)  
For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).


Total Sheets:  Extra Sheets:  Number of each additional 50 or fraction thereof:  Fee (\$):  Fee Paid (\$):   
 - 100 =  / 50 =  (round up to a whole number) x 250 =

#### SUBMITTED BY

Name (Print/Type)

Hisashi David Watanabe

Signature



#### Complete if Known

Application Number: 09/629,321  
 Filing Date: July 31, 2000  
 First Named Inventor: Hill, Thomas C.  
 Examiner Name: Jackson, Blane J.  
 Group Art Unit: 2685  
 Attorney Docket No.: PF01869NA

#### FEE CALCULATION (continued)

#### 4. ADDITIONAL FEES

Code	Large Entity		Small Entity		Fee Description
	Fee (\$)	Code	Fee (\$)	Code	
1051	130	2051	65		Surcharge - late filing fee or both
1062	50	2062	25		Surcharge - late Provisional filing
1063	130	1063	130		Non-English specification
1812	2520	1812	2520		For filing a request for ex parte Re-examination
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action
1805	1840*	1805	1840*		Requesting publication of SIR after Examiner action
1251	120	2251	60		Extension for reply within first month
1252	450	2252	225		Extension for reply within second month
1253	1020	2253	510		Extension for reply within third month
1254	1590	2254	795		Extension for reply within fourth month
1255	2160	2255	1080		Extension for reply within fifth month
1401	500	2401	250		Notice of Appeal
1402	500	2402	250		Filing a brief in support of an appeal
1403	1000	2403	500		Request for oral hearing
1451	1510	1451	1510		Petition to institute a public use proceeding
1452	600	2452	250		Petition to revive - unavoidable
1453	1500	2453	750		Petition to revive - unintentional
1501	1400	2501	700		Utility issue fee (or reissue)
1502	800	2502	400		Design issue fee
1503	1100	2503	550		Plant issue fee
1460	130	1460	130		Petitions to the Commissioner
1807	50	1807	50		Processing fee under 37 CFR 1.17(b)
1808	180	1808	180		Submission of IDS
8021	40	8021	40		Recording each patent assignment per property (times number of assignments)
1809	790	2809	395		Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395		For each additional invention to be examined (37 CFR § 1.129(b))
1801	790	2801	395		Request for Continued Examination
1802	900	1802	900		Request for expedited examination of a design application

Fee Paid (\$)**0**

#### 5. OTHER FEE(S) (specify)

Non-English Specification: \$130 fee (no small entity discount)

Fee Paid (\$)**0**

Registration No.

37,485

Telephone

(847)523-2322

Date

June 24, 2005

Serial No. 09/629,321  
Amdt. dated June 24, 2005  
Reply to Office Action of March 25, 2005

Attorney Docket No. PF01869NA

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/629,321

Confirmation No.: 4702

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Applicant(s): Hill, Thomas C., et al.

Examiner: Jackson, Blane J.

JUN 24 2005

Filed: July 31, 2000

Docket No.: PF01869NA

TC/A.U.: 2685

Customer No.: 20280

Title: Method and Apparatus to Improve Capacity and Battery Life of an Ad  
Hoc Network System Using Sensor Management

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action of March 25, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.